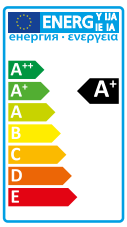
E-CORE GLS WIDE 13W / 10,5W / 7W

At 470 to 1,060 lumen, Toshiba‘s design classic is way ahead from an aesthetic and performance perspective. As a lamp with an intense beam of the retrofit segment, it is the substitute for all fields of application of 40 to 75 W bulbs. Its broad reflected beam angle makes it the ideal light source even for large rooms – in brief: powerful, elegant and unbeatably efficient.



Application:

- Residential lighting
- Hospitality lighting
- Decorative lighting

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Product details

- For E27 base
- Best-in-class efficiency
- Instant light
- Dimmable*
- Life time 25,000 hours
- Pleasant warm white light
- Classic bulb shape
- Reduction of energy consumption of up to 83 %
- Wide light distribution
- Retrofit appearance

Optical parameters

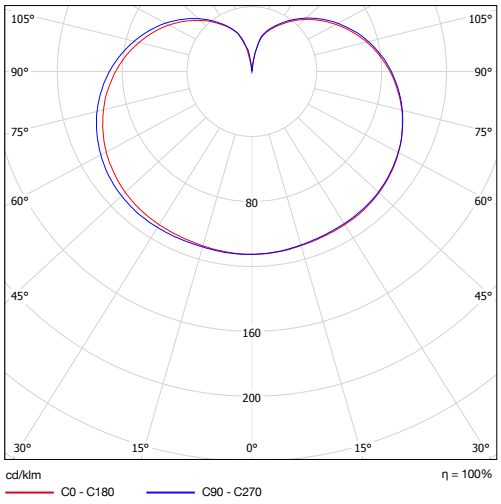
MODEL NAME	E-CORE GLS WIDE - 40 W equiv.	
Product code	LDAEU007C2710D	LDAEU007C4010D
Luminous flux	470 lm	500 lm
Colour description	Warm white	Neutral white
Colour temperature	**2700 K**	**4000 K**
Colour rendering index	Ra 80	Ra 80
Beam angle	240°	240°
Lamp efficacy	67.1 lm/W	71.4 lm/W
Energy class	A+	A+
Weighted energy consumption	7 kWh / 1000 h	7 kWh / 1000 h

MODEL NAME	E-CORE GLS WIDEW - 60 W equiv.	E-CORE GLS WIDE - 75 W equiv.
Product code	LDAEU003C2710D	LDAEU004C2710D
Luminous flux	806 lm	1,060 lm
Colour description	Warm white	Warm white
Colour temperature	**2700 K**	**2700 K**
Colour rendering index	Ra 80	Ra 80
Beam angle	240°	240°
Lamp efficacy	76.8 lm/W	81.5 lm/W
Energy class	A+	A+
Weighted energy consumption	11 kWh / 1000 h	13 kWh / 1000 h

* Dimmable on suitable dimmers.

Optical parameters

POLAR CANDELA DISTRIBUTION



Electrical parameters

MODEL NAME	E-CORE GLS WIDE - 40 W equiv.	
Product code	LDAEU007C2710D	LDAEU007C4010D
Rated wattage	7 W	7 W
Rated voltage	220-240 V	220-240 V
Frequency	50 Hz	50 Hz
Rated input current	45 mA	45 mA
Power factor	> 0.6	> 0.6
Switching cycles	Over 12,500 times	Over 12,500 times
Warm-up time	Instant full light	Instant full light
Lumen maintenance	70 % at the rated lifetime	70 % at the rated lifetime
Starting time	< 0.5 sec	< 0.5 sec
Colour consistency	6 SDCM	6 SDCM
Rated lifetime	25,000 h	25,000 h
Dimming	Yes	Yes

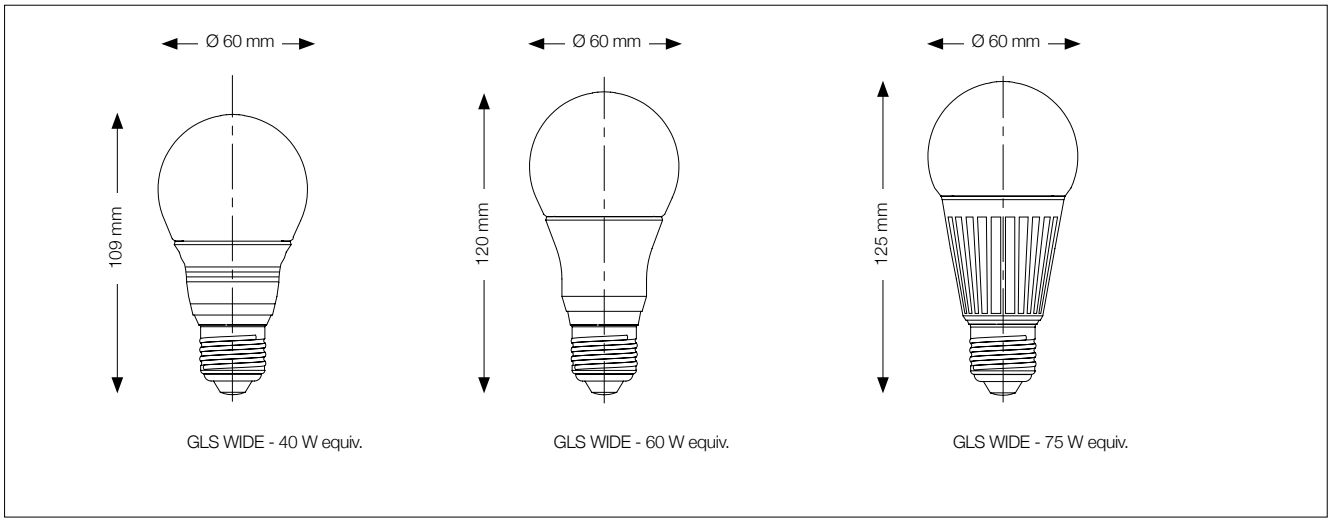
MODEL NAME	E-CORE GLS WIDE - 60 W equiv.	E-CORE GLS WIDE - 75 W equiv.
Product code	LDAEU003C2710D	LDAEU004C2710D
Rated wattage	10.5 W	13 W
Rated voltage	220-240 V	220-240 V
Frequency	50/60 Hz	50/60 Hz
Rated input current	52 mA	64 mA
Power factor	0.88	0.88
Switching cycles	Over 15,000 times	Over 15,000 times
Warm-up time	Instant full light	Instant full light
Lumen maintenance	70 % at the rated lifetime	70 % at the rated lifetime
Starting time	< 0.5 sec	< 0.5 sec
Colour consistency	6 SDCM	6 SDCM
Rated lifetime	25,000 h	25,000 h
Dimming	Yes	Yes

Mechanical parameters

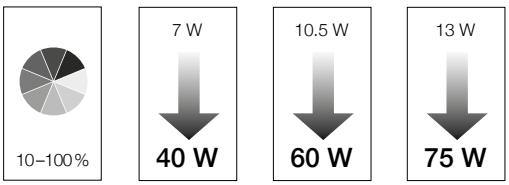
MODEL NAME	E-CORE GLS WIDE - 40 W equiv.	
Product code	LDAEU007C2710D	LDAEU007C4010D
Overall length	109 mm	109 mm
Diameter	60 mm	60 mm
Net weight	83 g	83 g
Cap	E27	E27

MODEL NAME	E-CORE GLS WIDE - 60 W equiv.	E-CORE GLS WIDE - 75 W equiv.
Product code	LDAEU003C2710D	LDAEU004C2710D
Overall length	120 mm	125 mm
Diameter	60 mm	60 mm
Net weight	128 g	150 g
Cap	E27	E27

Drawings



GLS WIDE - 40 W equiv. GLS WIDE - 60 W equiv. GLS WIDE - 75 W equiv.



according to ErP 244/2009

Dimmability

The LED-Lamps can be dimmed in a range of 10 %-100 %. A general compatibility to all dimmers can´t be granted. A list of recommended dimmers and conditions of use can be found on our website www.toshiba.eu/lighting.

RECOMMENDED DIMMERS FOR MAX. 8 LAMPS WITH A DIMMING OF 10 %-100 %:		
Aurora AU-DSP250 (250 W)	Aurora AU-DSP400(400 W)	Berker 2830_10 (60-400 W)
Berker 2873 (20-500 W)	Busch-Jaeger 2247U (500 W)	Busch-Jaeger 2250U (600 W)
Danlers DP1D250WIET (40-250 W)	Danlers DP1D400WIET (40-400 W)	Danlers DP1D250W (40-250 W)
Gira 030200100 (60-600 W)	Jung 225NV DE (20-500 W)	Jung 266GDE (20-256 W)
Newlec GET NL1131N (60-250 W)	PEHA 436 (60-600W)	PEHA 435HAN (60-600 W)
RVE RV5 (1000 W)	Schneider Unicat Top 511 (500 W)	Sologic 28956 (20-400 W)
Sologic 28969 (20-600 W)	Varilight HQ1W (60-400 W)	

Important note

LED lamps are not resistive loads for the dimmers and therefore the power rating of the dimmer can't be directly converted. Incompatibilities between LED lamp and dimmer are expressed as flickering and restrictions in the dimming range.

Logistic data

PRODUCT CODE	EAN/ITF CODE	PACKAGING TYPE	SIZE OF PACKAGING (L x H x W)	GROSS WEIGHT
LDAEU007C2710D	4974550474801	Gift box (1 pce)	71 x 71 x 137 mm	127 g
	24974550474805	Inner Carton (25 pcs)	370 x 370 x 155 mm	3,485 g
	14974550474808	Outer Carton (50 pcs)	385 x 385 x 335 mm	7,450 g
LDAEU007C4010D	4974550474818	Gift box (1 pce)	71 x 71 x 137 mm	127 g
	24974550474812	Inner Carton (25 pcs)	370 x 370 x 155 mm	3,485 g
	14974550474815	Outer Carton (50 pcs)	385 x 385 x 335 mm	7,450 g
LDAEU003C2710D	4974550466134	Gift box (1 pce)	68 x 68 x 130 mm	175 g
	24974550466138	Carton (10 pcs)	149 x 365 x 155 mm	2,700 g
	14974550466131	Carton (40 pcs)	380 x 618 x 175 mm	13,100 g
LDAEU004C2710D	4974550466141	Gift box (1 pce)	68 x 68 x 130 mm	200 g
	24974550466145	Carton (10 pcs)	149 x 365 x 155 mm	3,000 g
	14974550466148	Carton (40 pcs)	380 x 618 x 175 mm	14,300 g

Handling and safety information

- Do not cover the lamp with paper, cloth or other easily flammable materials
- Do not expose the lamp to water or high humidity
- Avoid additional mechanical stress on the lamp
- Do not touch the lamp during or shortly after usage. Risk of burn!
- Use only with recommended dimmers
- Ambient temperature range: +5 °C to +40 °C
- Do not look directly into the lamp
- Do not spray pesticide on this lamp
- Please ensure the mains power is disconnected before undertaking any work on the luminaire or lamp

www.toshiba.eu/lighting

10/2014

Product specifications and configurations, and availability of products are subject to change. Variations in product design and product features are subject to change. Colours may vary from illustration. Errors and omissions excepted.
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